

Title (en)
IMPROVED FLARING DEVICE FOR FLARING THE ENDS OF PIPES

Title (de)
VERBESSERTE AUFWEITUNGSVORRICHTUNG ZUM AUFWEITEN DER ENDEN VON ROHREN

Title (fr)
DISPOSITIF D'ÉVASEMENT PERFECTIONNÉ POUR L'ÉVASEMENT DES EXTRÉMITÉS DE TUYAUX

Publication
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Application
EP 15804964 A 20151028

Priority

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- IB 2015058305 W 20151028

Abstract (en)
[origin: WO2016071806A1] The invention is a flaring device (1) for flaring the ends of pipes (T), comprising a main body (2) that defines a longitudinal axis (X), in which it is possible to identify: a flaring unit (3) suited to flare the end of the pipe (T); a die carrier (10) arranged in front of and coaxial with the flaring unit (3) according to the longitudinal axis (X); a flaring die (8; 50; 60; 70; 80) configured so that it can be accommodated in the die carrier (10) and having a centre channel (9) suited to house the pipe (T). The die carrier (10) has a shaped seat (11) that houses the flaring die (8; 50; 60; 70; 80) and communicates with a shaped opening (14) present in the main body (2) and included between the flaring unit (3) and the die carrier (10). The shaped seat (11) is defined by a conical inner surface (12) whose taper diverges towards the flaring unit (3) and being configured so that it matches the conical outer surface (13) of the flaring die (8; 50; 60; 70; 80). The shaped opening (14) is made in the lateral surface (2a) of the main body (2) and its length (14a) exceeds the length (8a) of the flaring die (8; 50; 60; 70; 80), both measured along the longitudinal axis (X), while its width (14b) exceeds both the width (8b) of the flaring die (8; 50; 60; 70; 80) and the width (11b) of the shaped seat (11), measured crosswise with respect to the longitudinal axis (X).

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B21D 41/021 (2013.01 - CN EP US); **B21D 41/023** (2013.01 - CN EP US)

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Cited by
CN117428098A

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